Integrated Automation, AI, Loan Review, and Risk Management for Financial Institutions

06 - 10 Dec 2026
Cairo (Egypt)

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Ref.: 16452_1021250 **Date:** 06 - 10 Dec 2026 **Location:** Cairo (Egypt) **Fees:** 4000 **Euro**

Introduction:

In today's digital financial environment, financial institutions are shifting from traditional risk management practices toward automation, AI-based monitoring, and data-driven decision-making.

This course focuses on integrating Artificial Intelligence, automation tools, loan review and monitoring systems, and collateral risk evaluation into Enterprise Risk, Market Risk, and Operational Risk frameworks. Participants will gain practical expertise in digital credit oversight, early warning systems, and technical compliance with regulatory standards.

Targeted Groups:

This Integrated Automation, AI, Loan Review, and Risk Management for Financial Institutions training targets professionals seeking specialized knowledge and skills:

- Risk managers and credit officers are seeking digital oversight techniques.
- Compliance and regulatory staff need IFRS 9 and Basel III alignment.
- Data analysts working in predictive risk and loan monitoring.
- IT professionals are integrating AI and automation into risk frameworks.
- Financial auditors evaluating digital credit and operational systems.
- Treasury managers are monitoring market and liquidity risks.
- Senior management overseeing enterprise-wide risk strategy.

Course Objectives:

By the end of this Integrated Automation, AI, Loan Review, and Risk Management for Financial Institutions course, participants will be able to:

- Apply AI, automation, and real-time dashboards in loan review, collateral monitoring, and credit decisions.
- Design and enhance digital loan monitoring systems & collateral valuation frameworks.
- Identify early warning signals using data analytics and automated credit-risk tools.
- Integrate AI-powered solutions into Enterprise Risk Management ERM and operational resilience.
- Align market, credit, and operational risks with digital governance and Basel/IFRS regulatory frameworks.
- Develop risk appetite statements supported by data intelligence and predictive modeling.

Targeted Competencies:

In this Integrated Automation, AI, Loan Review, and Risk Management for Financial Institutions program, participants will gain practical competencies in:

- AI & automation in loan monitoring and collateral risk.
- Digital transformation in credit risk and reporting.
- Early warning signals & predictive analytics for defaults.
- Risk scoring models using AI/ML tools.
- Designing automated credit workflows & dashboards.
- Enterprise and operational risk digital governance.
- Compliance with IFRS 9, Basel III & regulatory reporting.

Studying Scenarios:

In this Integrated Automation, AI, Loan Review, and Risk Management for Financial Institutions training, participants will develop their skills through the analysis of the following scenarios:

- Automated detection of early warning signals in loan portfolios.
- AI-assisted collateral valuation under fluctuating market conditions.
- Risk scoring simulations for potential credit defaults.
- Digital dashboards monitor operational and IT risks.
- Stress-testing enterprise portfolios to comply with Basel III and IFRS 9.
- Decision-making exercises using integrated AI-driven risk reports.

Course Content:

Unit 1: Risk Data, Automation & AI in Financial Risk Management:

- AI-driven loan review & collateral valuation.
- Automated credit scoring & predictive analytics.
- Digital dashboards for real-time monitoring.
- Data governance & integration with core banking systems.

Unit 2: Credit and Collateral Risk Oversight & Loan Monitoring:

- Loan review frameworks & automated reporting.
- Collateral management systems & valuation technologies.
- Early warning systems for non-performing loans.
- Stress-testing loan portfolios using AI.

Unit 3: Operational Risk & Control in a Digital Environment:

- Key Risk Indicators KRIs & automated alerts.
- IT failures, cyber risks & continuity planning.
- Digitizing control functions & workflow automation.
- Risk culture in technologically evolving institutions.

Unit 4: Market Risk Management & Digital Stress Testing:

- Interest rate, liquidity, and FX risk modeling.
- AI-based scenario analysis & Value at Risk VaR.
- Market risk dashboards & Basel III requirements.
- Digital tools for treasury risk monitoring.

Unit 5: Enterprise Risk Governance & Strategic Alignment:

- Enterprise Risk Management ERM & data integration.
- Risk appetite frameworks using digital metrics.
- Board-level reporting & AI-enhanced risk aggregation.
- Linking risk analytics to business strategy & capital planning.

Unit 6: Enterprise Risk Reporting & Executive Communication:

- AI-generated executive summaries and risk reports.
- Consolidating market, credit, and operational risks.
- Presenting risk insights to senior management and regulators.
- Building a predictive and sustainable risk culture.

Final Insights & Key Takeaways:

Participants will implement AI and automation in risk management effectively. They will align credit, operational, and market risks with strategic governance and regulatory compliance.

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Registration form on the :
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